

PA-SHT REV 5

CONDUIT AND CABLE SCHEDULE STAGE I

CONDUIT DESIGNATION	CIRCUIT No.	FROM	TO	SERVICE	CONDUIT NUMBER OF SETS	SIZE	CABLE (PER COT.) OR BUSWAY NUMBER & SIZE	TYPE	REMARKS
A-5	A-5	EXISTING ATIS-41A5	150KVA EMERG. TRANSFORMER VIA DISC. SW.	480V	1	2"	3 # 4/0 XHHW-2 1 # 2 GND.		
E-41A	-	150KVA EMERG. TRANSFORMER	BKR. #EM-41C	208/120V	1	3 1/2"	4-500MCM XHHW-2 1 # 1/0 GND.		SEE ONE LINE DIAGRAM & PLAN, DWG. #E-93
	-	BKR. #EM-41C	SPLICE BOX	208/120V	1	3 1/2"	4-500MCM XHHW-2 1 # 1/0 GND.		
	-	SPLICE BOX	PANEL #E-41A	208/120V	1	3 1/2"	4-500MCM XHHW-2 1 # 1/0 GND.		
	-	SPLICE BOX	EXIST. CABLE TAP BOX	208/120V	1	3 1/2"	4-500MCM XHHW-2 1 # 1/0 GND.		
R-8-TEMP	R-8	EXIST. SWGR. BUS "R"	PANEL #DP-41N	480/277V	1	3 1/2"	4-500MCM XHHW-2 1 # 1/0 GND.		
DP-41N-11	11	PANEL #DP-41N	COMB. STARTER	480V	1	3/4"	3 # 12 XHHW-2 1 # 12 GND.		SEE NOTE #4
		COMB. STARTER	MOTOR E-41-20	480V	1	3/4"	3 # 12 XHHW-2 1 # 12 GND.		
DP-41N-12	12	PANEL #DP-41N	STARTER CABINET	480V	1	3/4"	3 # 12 XHHW-2 1 # 12 GND.		SEE ONE LINE DIAGRAM ON THIS DWG. AND DWG. #E-10, PLAN.
		STARTER CABINET	MOTOR ACS-41N	480V	1	3/4"	3 # 12 XHHW-2 1 # 12 GND.		
DP-41N-8	8	PANEL #DP-41N	COMB. STARTER	480V	1	3/4"	3 # 12 XHHW-2 1 # 12 GND.		
		COMB. STARTER	MOTOR FP-41-1-1	480V	1	3/4"	3 # 12 XHHW-2 1 # 12 GND.		
DP-41N-14	14	PANEL #DP-41N	STARTER CABINET	480V	1	2"	3 # 3/0 XHHW-2 1 # 3 GND.		
		STARTER CABINET	MOTOR ACS-41-1	480V	1	2"	3 # 3/0 XHHW-2 1 # 3 GND.		
DP-41N-9	9	PANEL #DP-41N	TR-LV-41N	480V	1	1"	3 # 6 XHHW-2 1 # 10 GND.		
DP-41N-10	10	PANEL #DP-41N	PANEL #LP-41N (EXIST.)	480/277V	1	2"	4 # 3/0 XHHW-2 1 # 4 GND.		
LV-41N		TR-LV-41N	PANEL #LV-41N	208/120V	1	1 1/2"	4 # 1 XHHW-2 1 # 6 GND.		
A-2-TEMP	A-2	ATIS-41NL	PANEL EPC-41A	480V	1	3 1/2"	3-500MCM XHHW-2 1 # 2/0 GND.		USE FLEXIBLE COT. FOR TEMPORARY RUN, SEE DIAGRAM "A", ON THIS DWG.
L-7-TEMP	L-7	SWGR. "L"	MCC-MN41L	480V	1	3 1/2"	3-500MCM XHHW-2 1 # 3/0 GND.		USE FLEXIBLE COT. FOR TEMPORARY RUN, SEE DIAGRAM "B", ON THIS DWG.

SEQUENCE OF INSTALLATION-STAGE I

FDPS A-2 AND L-7 (SEE DIAGR. "A" & "B")

- A-2**
- a. - DISCONNECT FDR AT ATIS-41NL AND EPC-41A AND REMOVE (ONE OF TWO PER PHASE & N.)
 - b. - CUT AND REMOVE CONDUIT AS SHOWN, AND INSTALL A-2-TEMP. FLEX. COT.
 - c. - INSTALL FDR A-2-TEMPORARY FROM ATIS TO EPC-41A.
 - d. - CONNECT FDR. AT ATIS AND EPC-41A. (ENERGIZE)
- L-7**
- a. - DISCONNECT FDR AT SWGR. "L" AND MCC-MN41L AND REMOVE ONE SET OF THREE SETS OF COT'S.
 - b. - CUT AND REMOVE CONDUIT AS SHOWN, AND INSTALL L-7-TEMP. FLEX. COT.
 - c. - INSTALL FDR L-7-TEMPORARY FROM MCC TO SWGR.
 - d. - CONNECT FDR. AT MCC AND SWGR. (ENERGIZE)

* = CATEGORY "A" OR "B"
LOAD OUTAGE - SEE NOTE #5

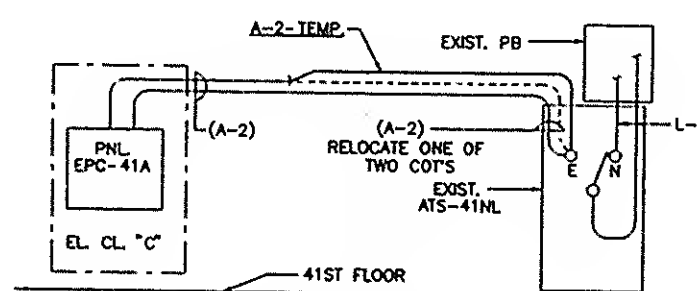
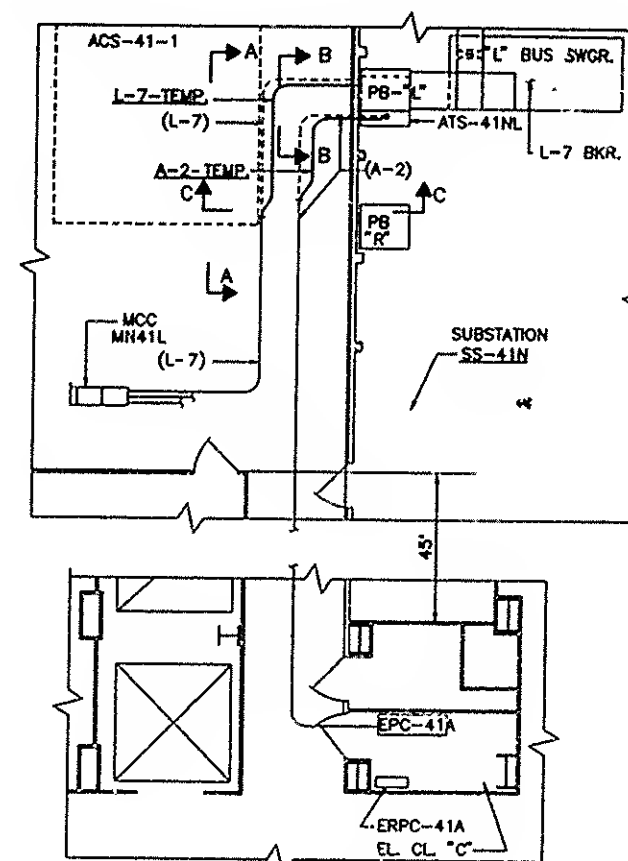
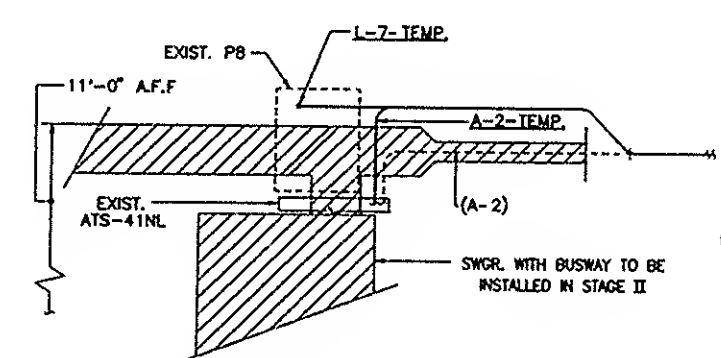


DIAGRAM "A"
RELOCATION OF FDR A-2

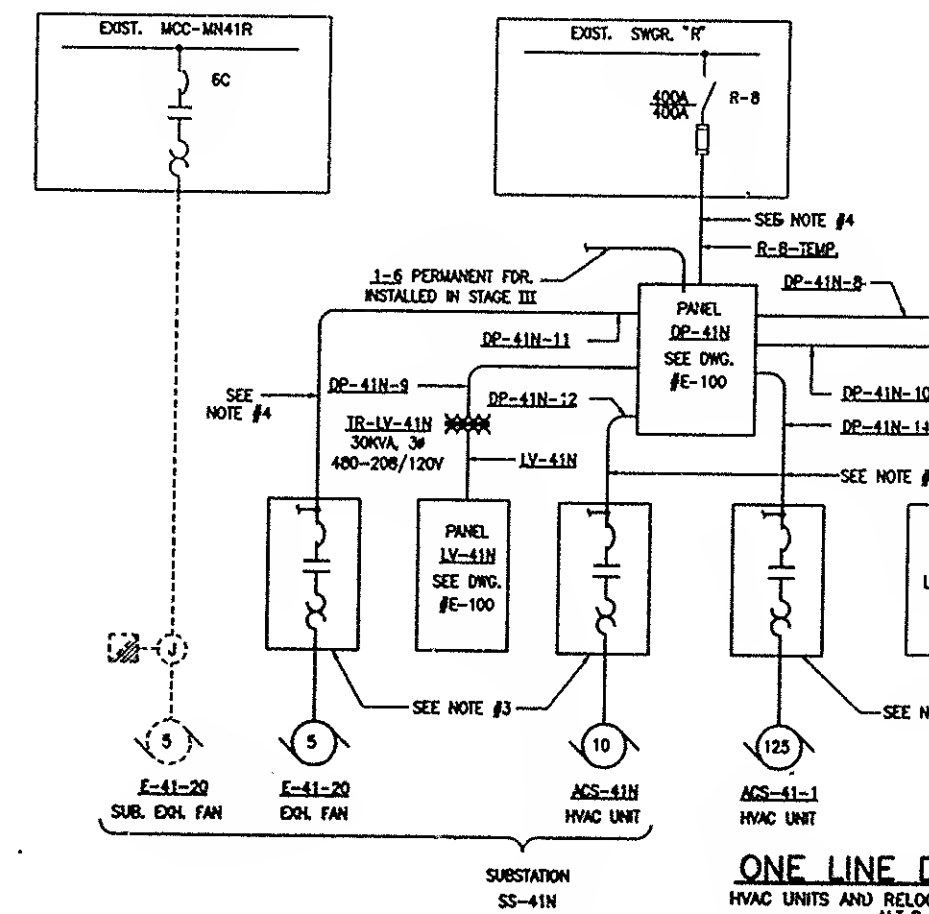


PART PLAN - 41st FL.
RELOCATION OF FDR'S A-2 & L-7



SECTION A-A
NOT TO SCALE

SECTION
NOT TO SCALE



ONE LINE
HVAC UNITS AND RELOC.